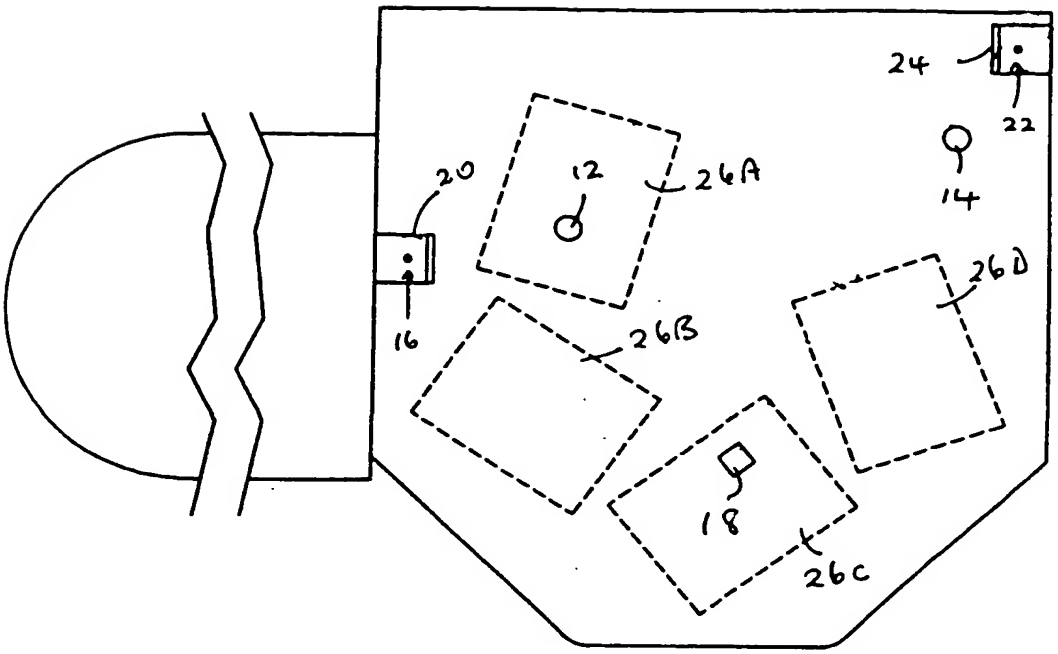

Figure 2

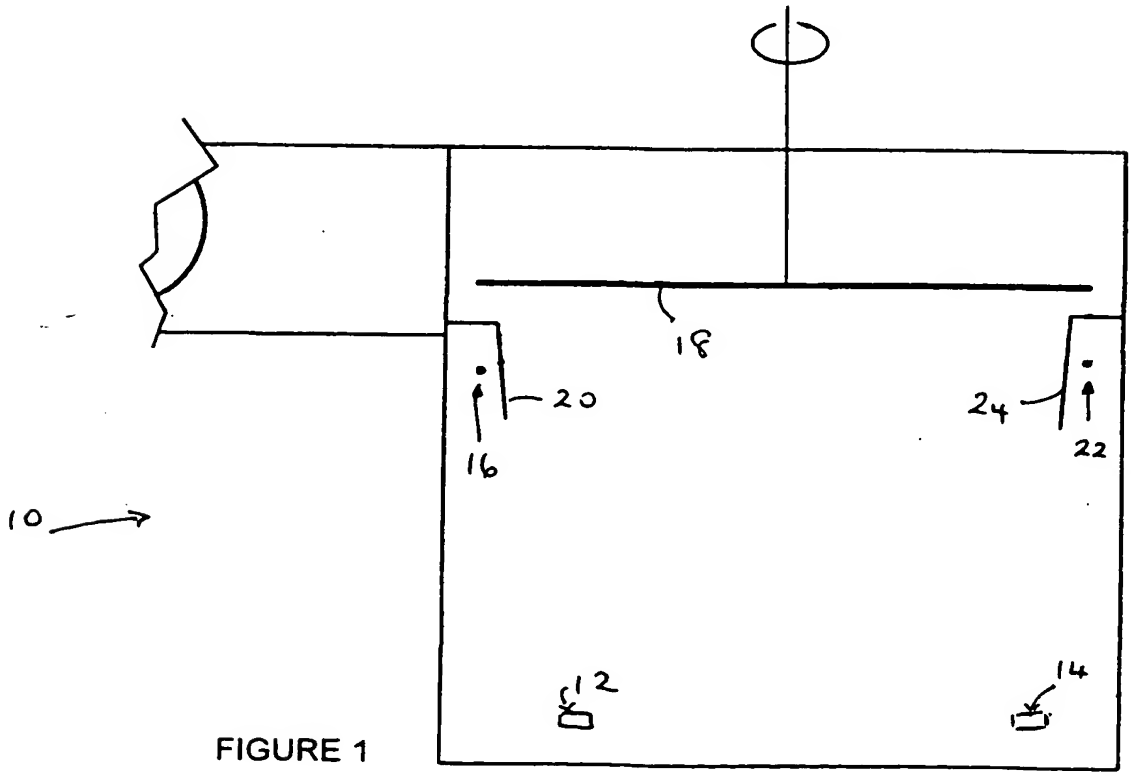

FIGURE 1

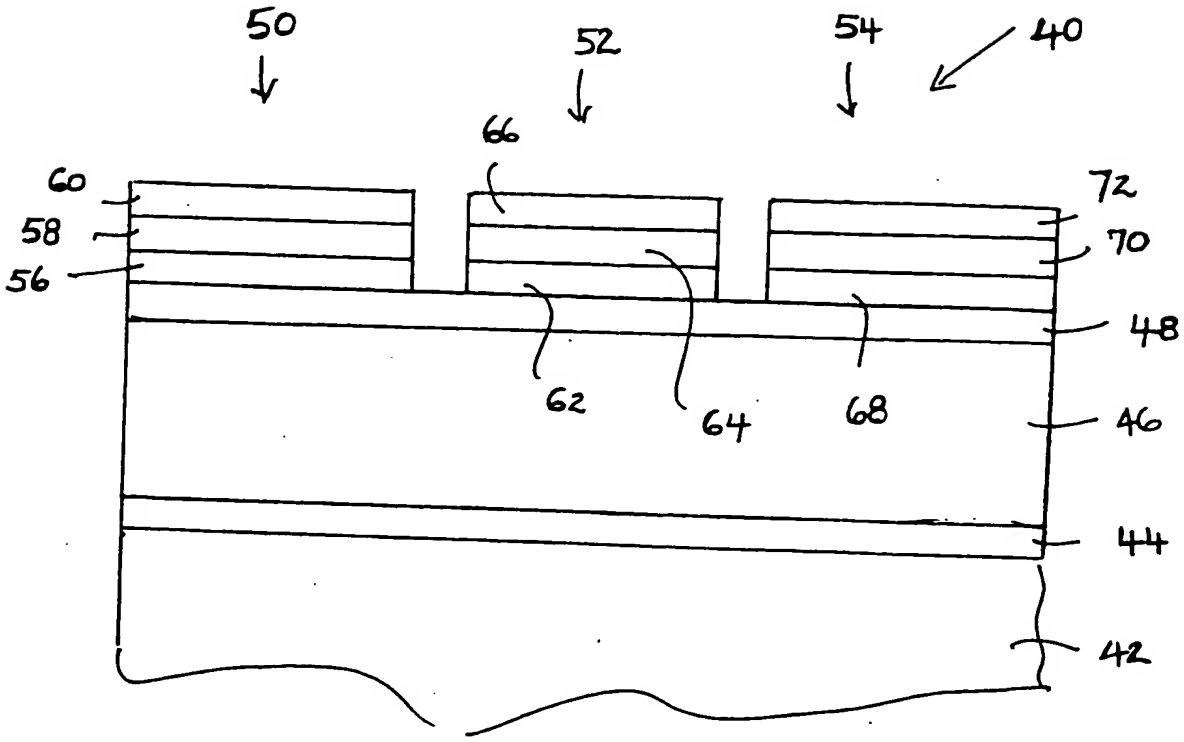

Fig. 3

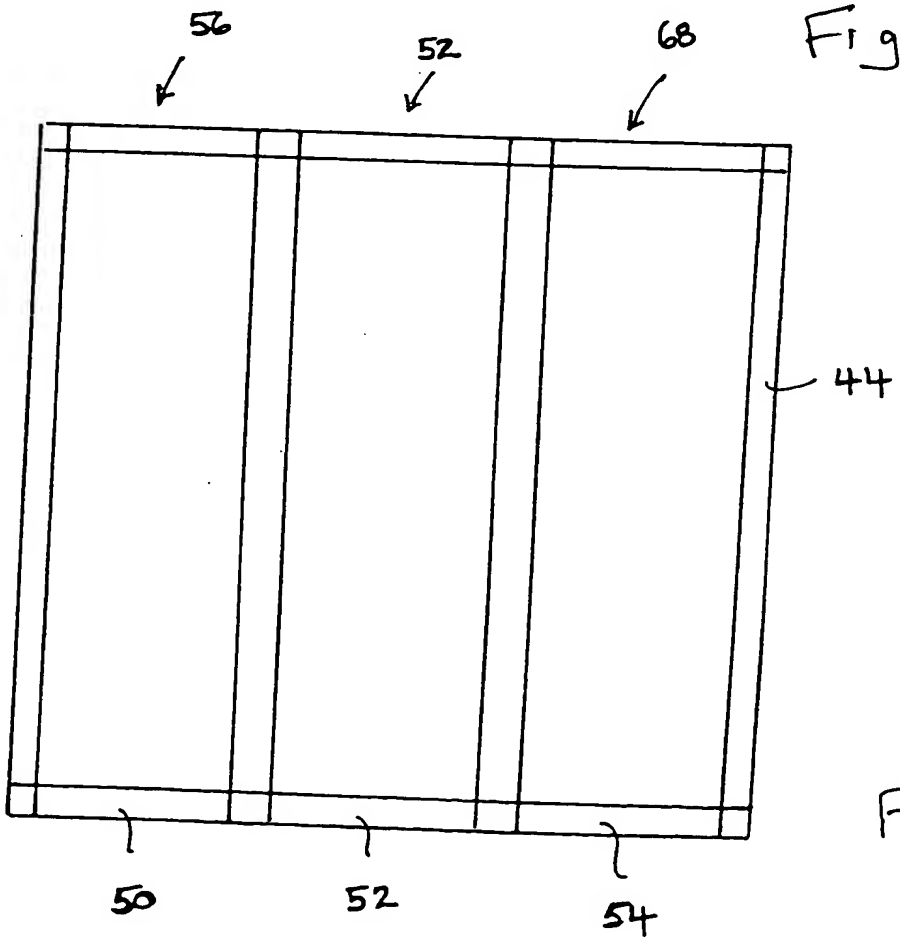

Fig. 4

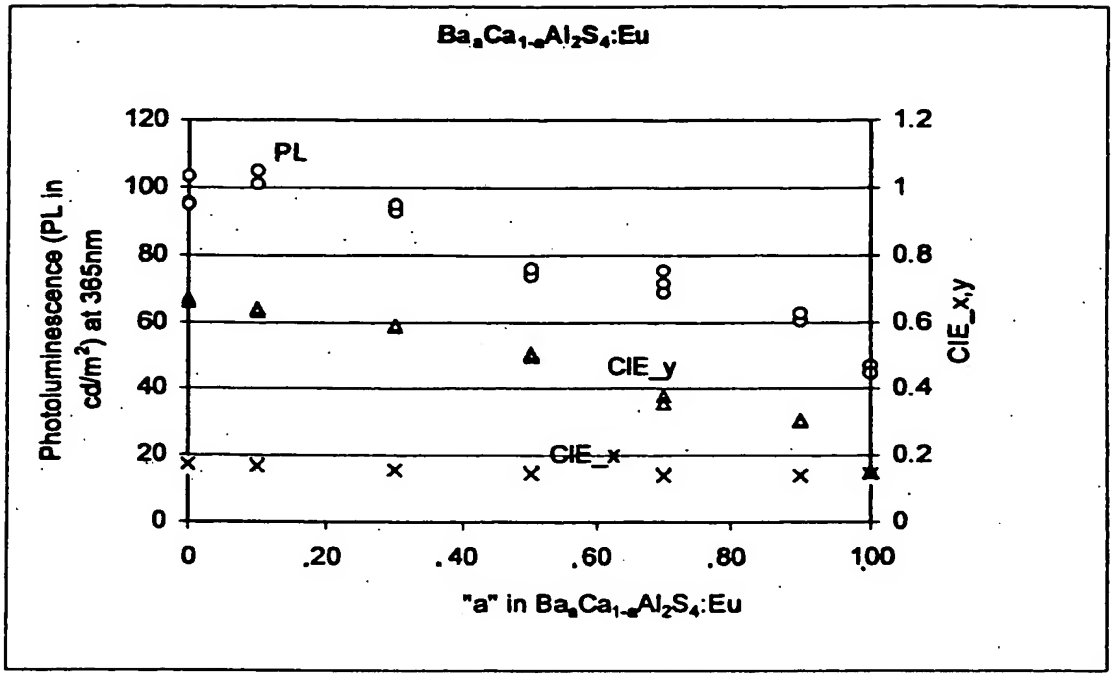
$Ba_aCa_{1-a}Al_2S_4$:Eu
Photoluminescence (PL in cd/m²) at 385nm
CIE_x,y
PL
CIE_y
CIE_x
120
100
80
60
40
20
0
1.2
1
0.8
0.6
0.4
0.2
0
0
.20
.40
.60
.80
100
"a" in $Ba_aCa_{1-a}Al_2S_4$:Eu

Fig. 5